

FIG. 1

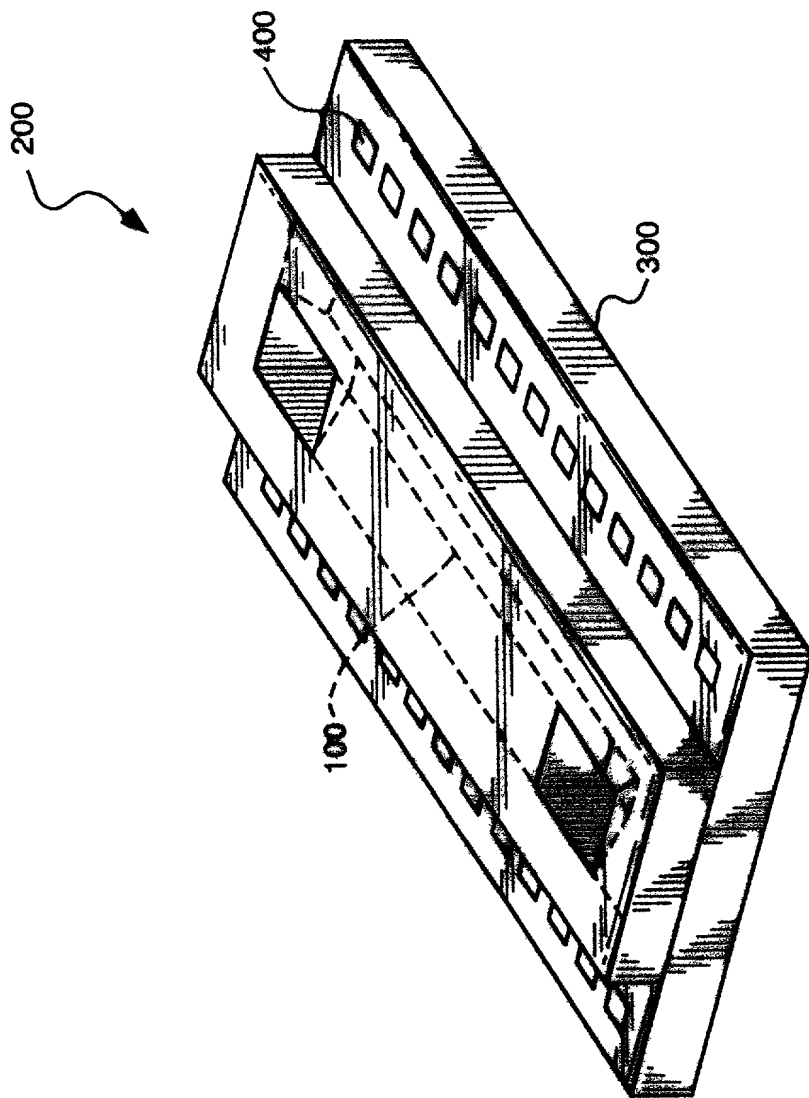


FIG. 2

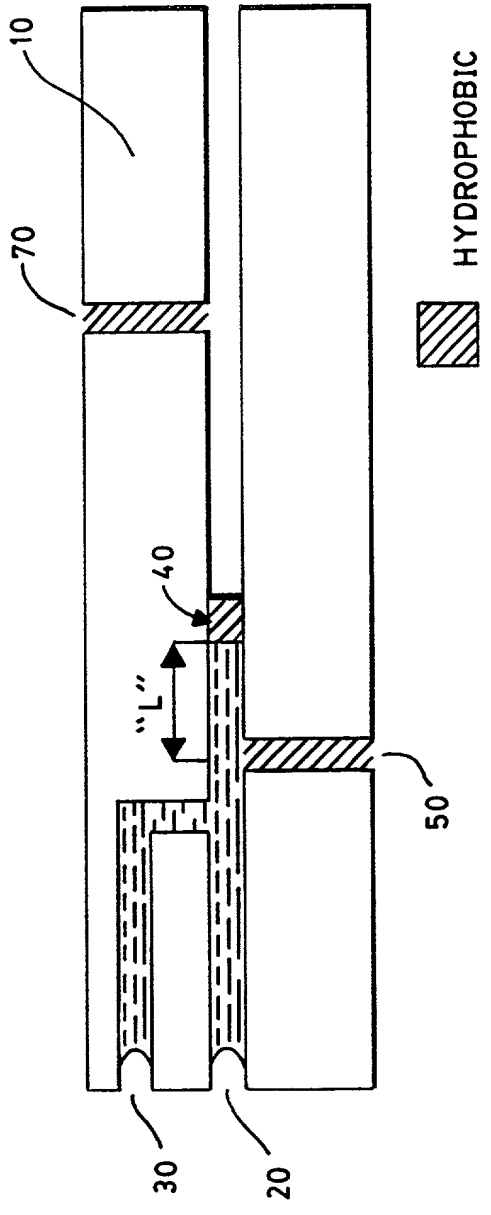


FIG. 3A

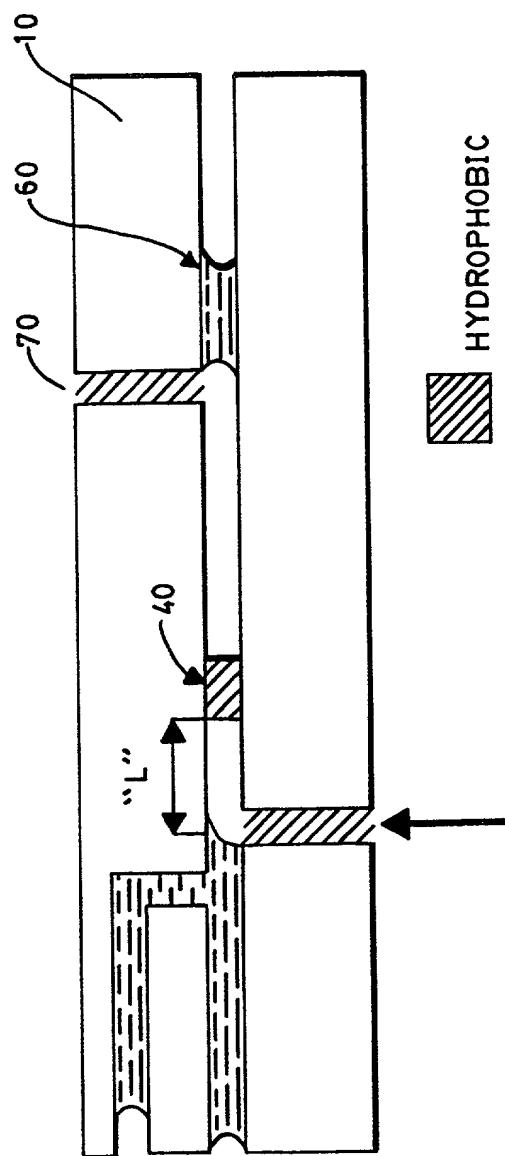


FIG. 3B

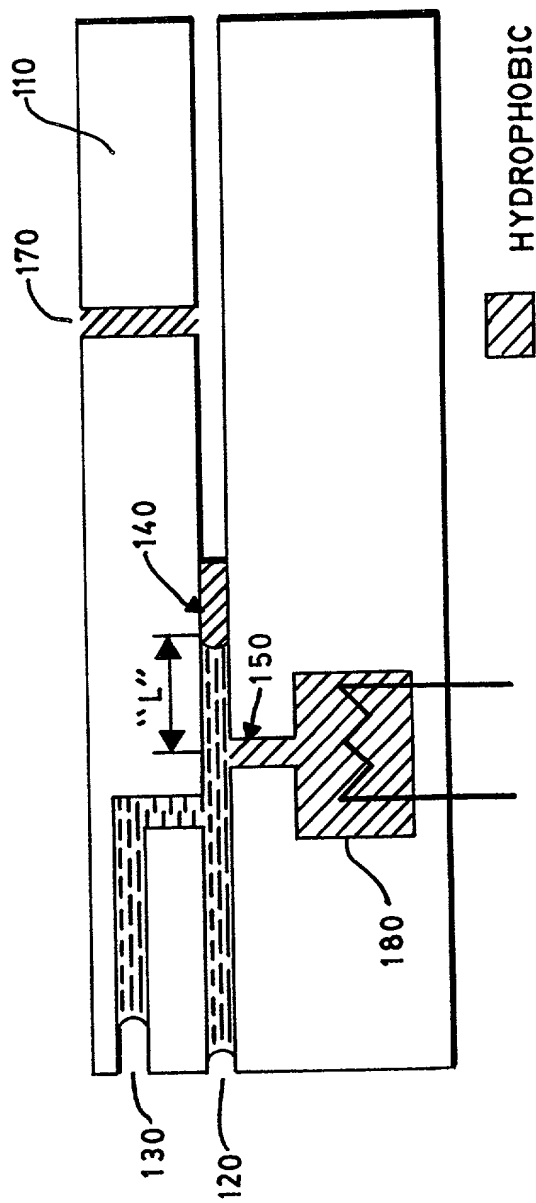


FIG. 4A

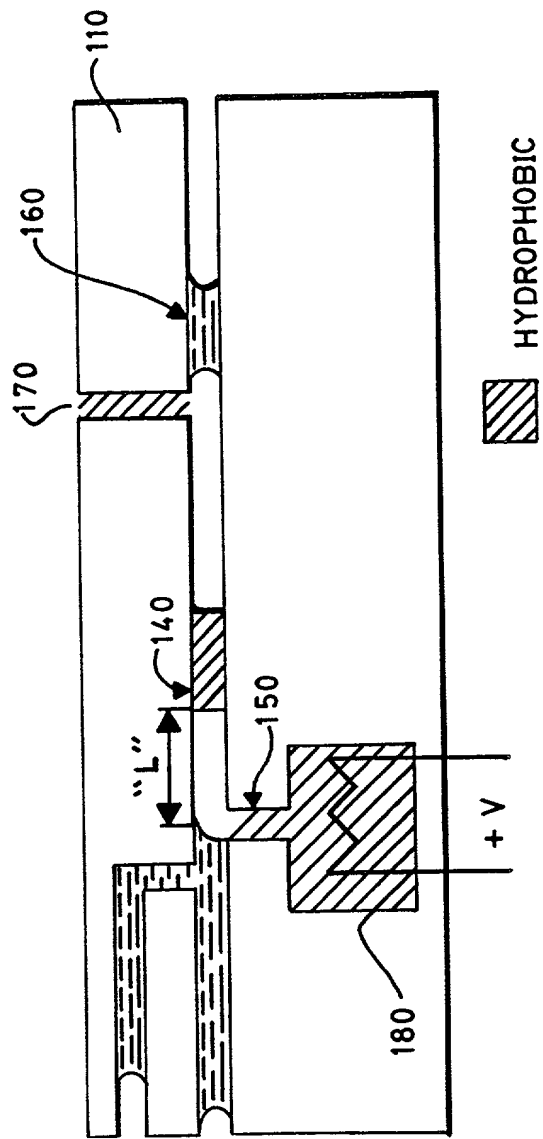


FIG. 4B

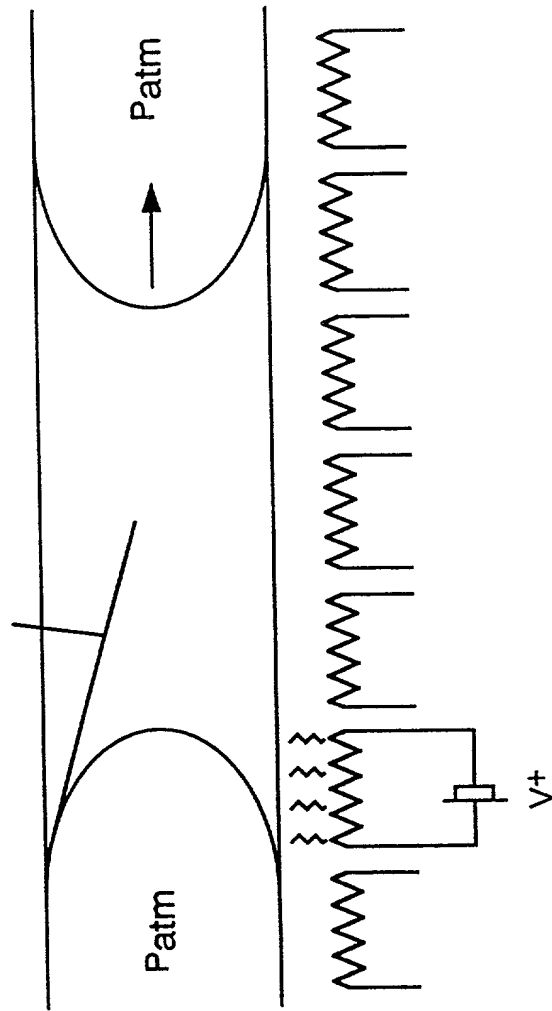


FIG. 5

FIG. 6A

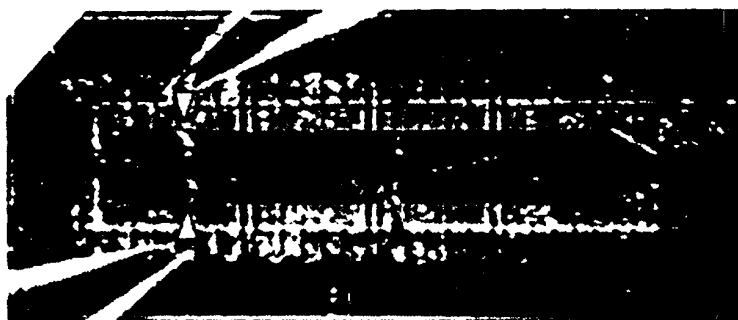


FIG. 6B

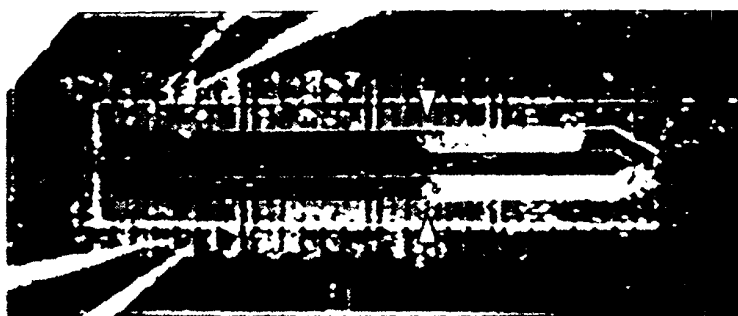


FIG. 6C

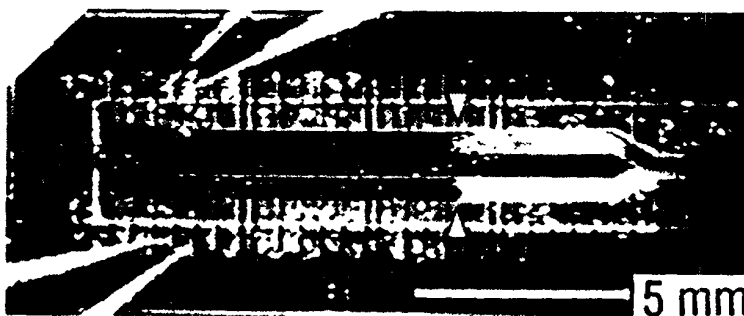
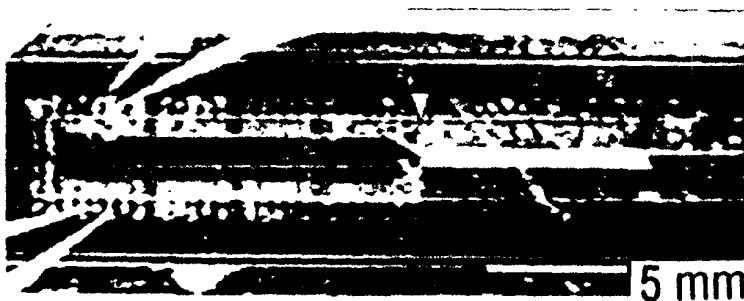


FIG. 6D



202070" SOT 660



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FIG. 7A

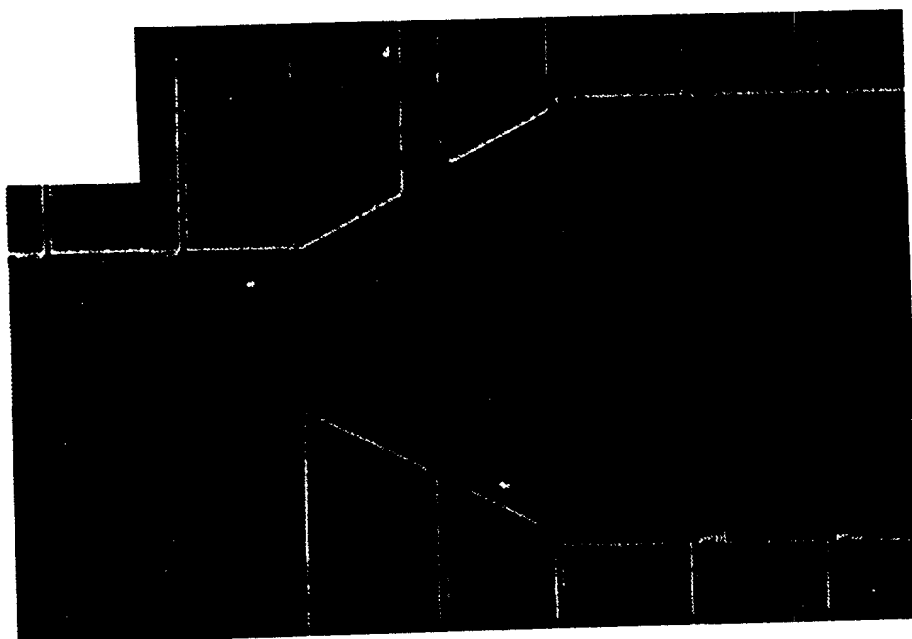


FIG. 7B

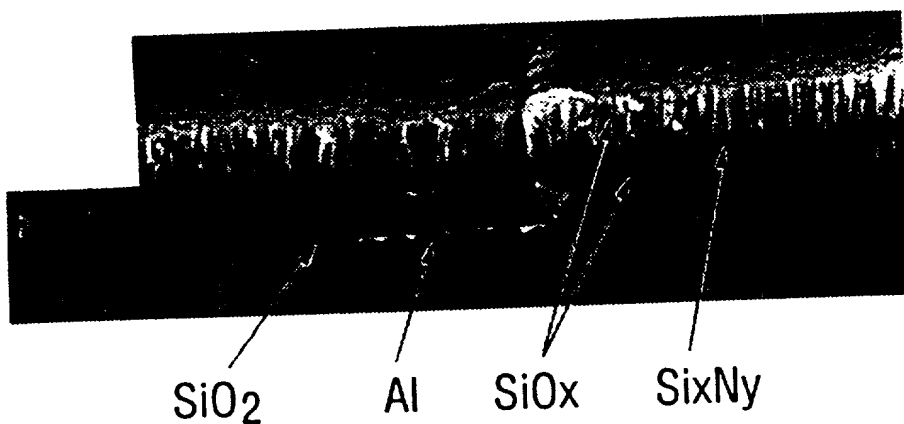
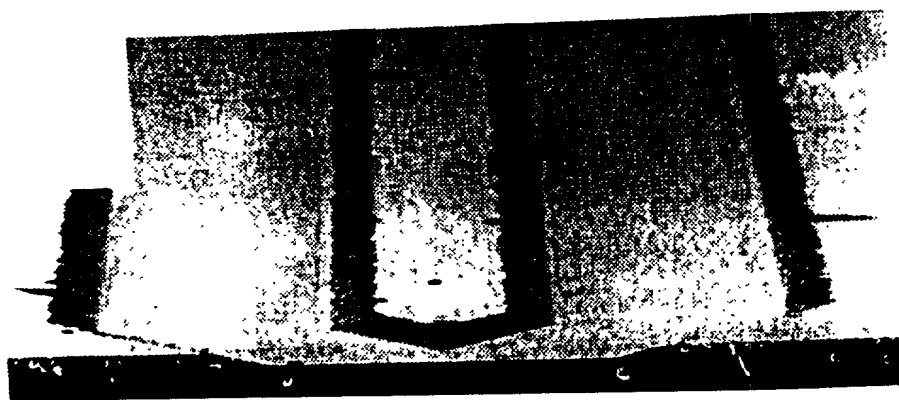


FIG. 7C



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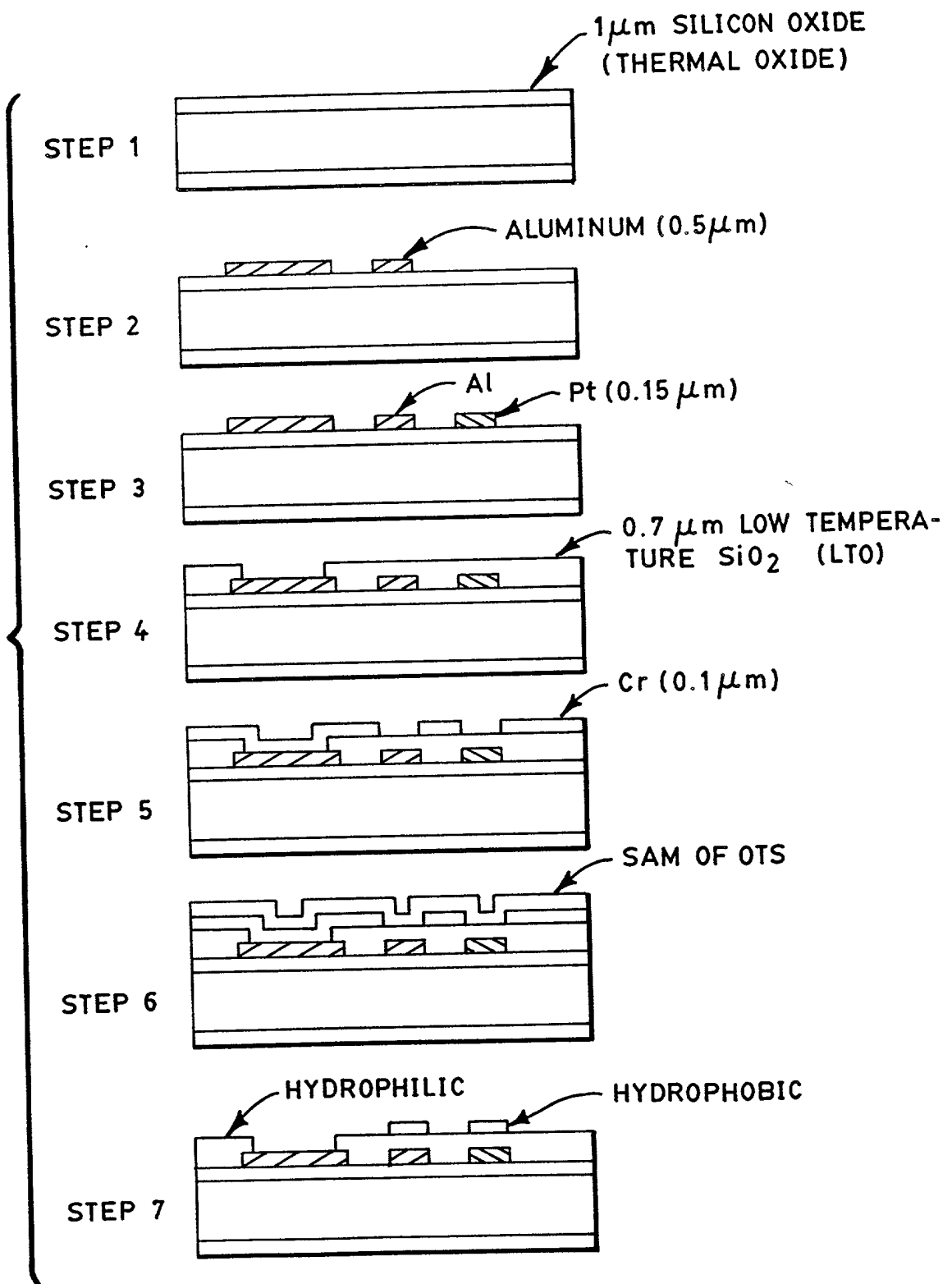


FIG. 8B

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0001-17-00
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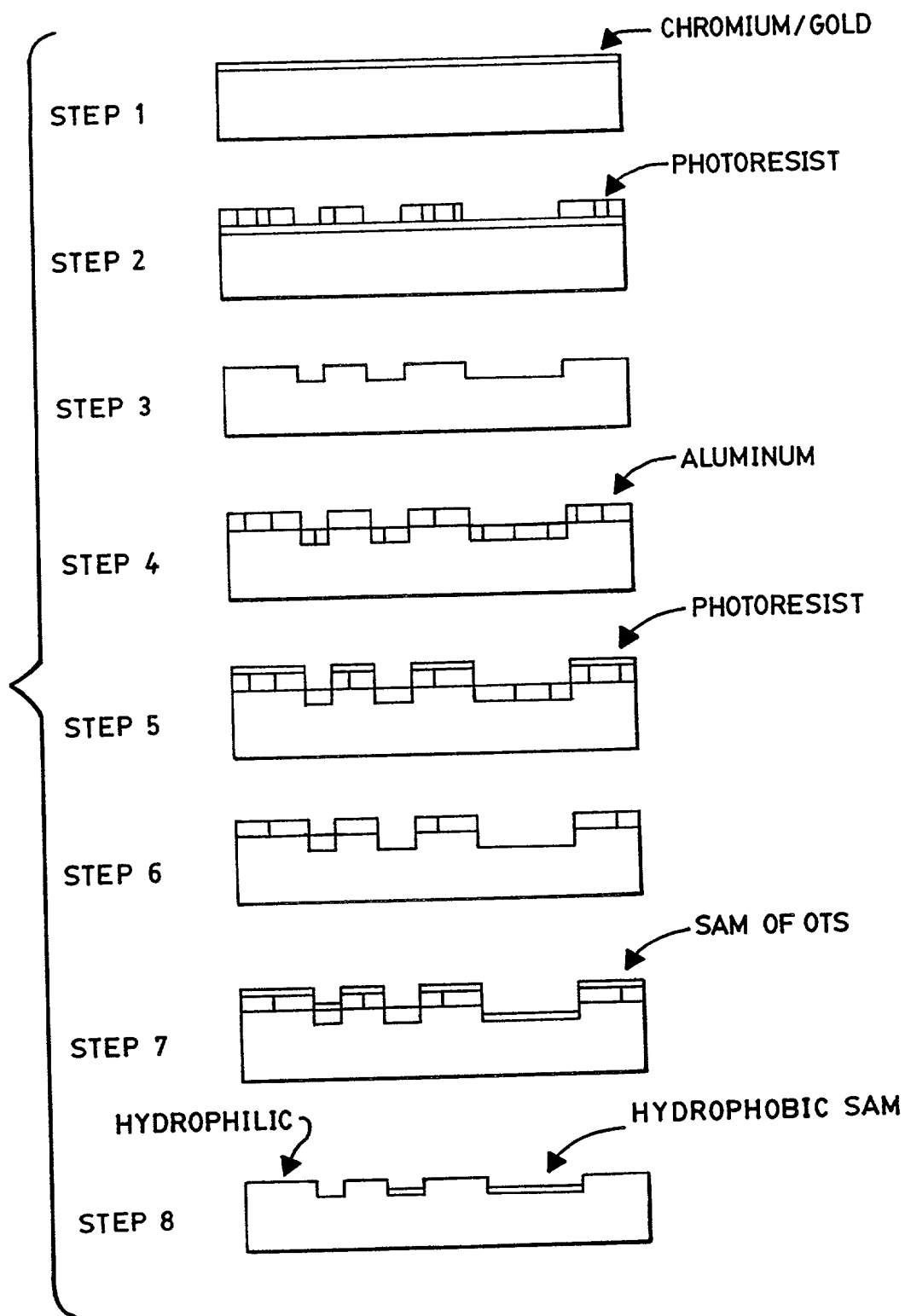
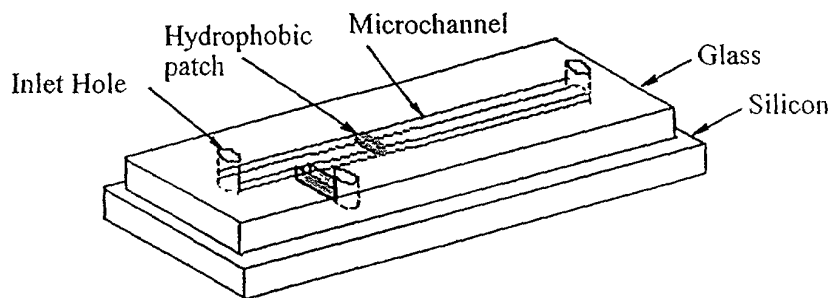
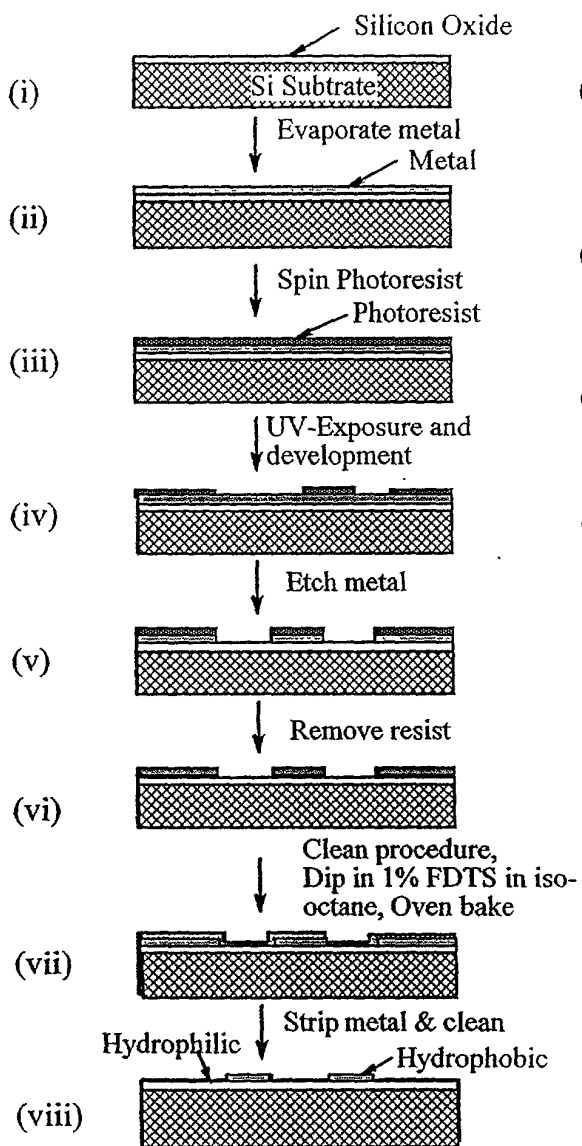


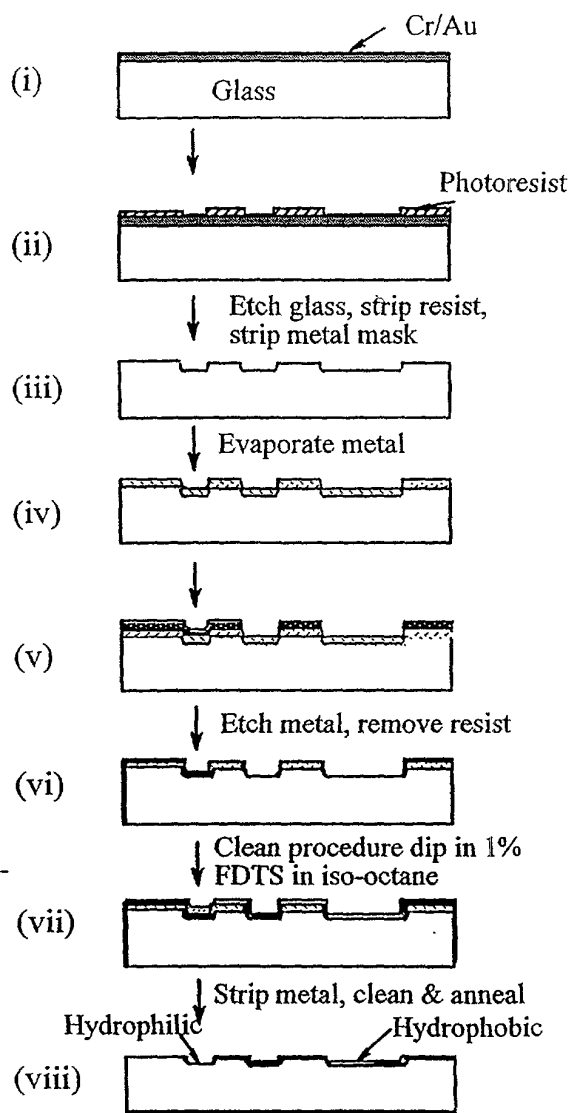
FIG. 8C



(a)



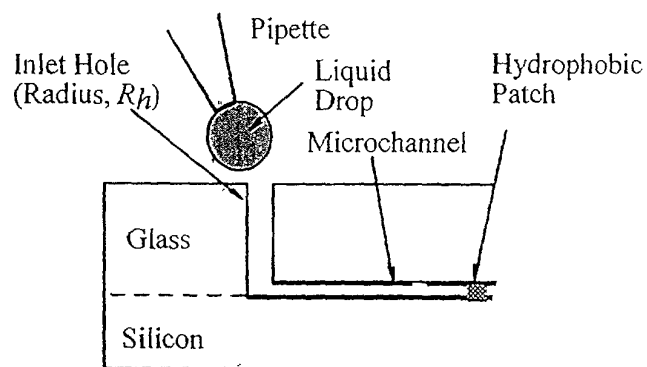
(b)



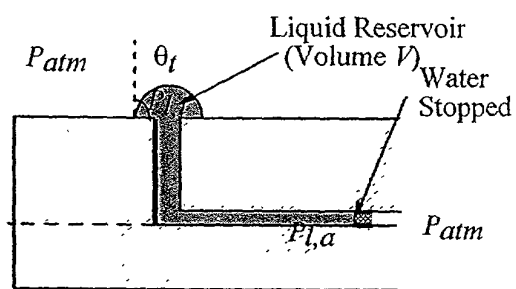
(c)

FIG. 10

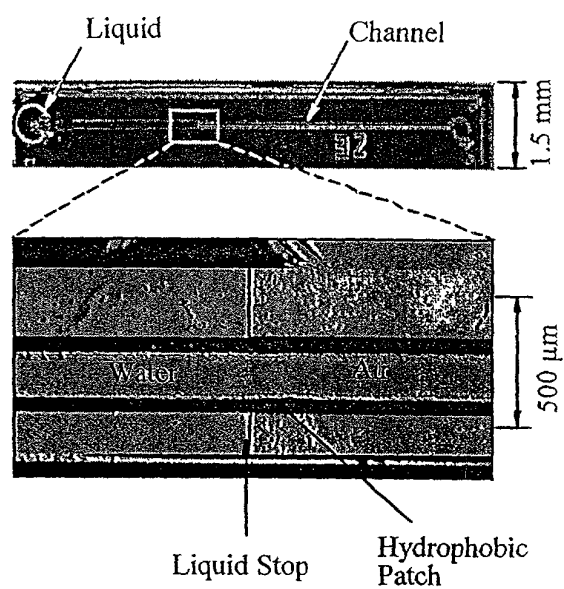




(i)



(ii)



Liquid Stop Hydrophobic Patch

(b)

(a)

FIG. 11

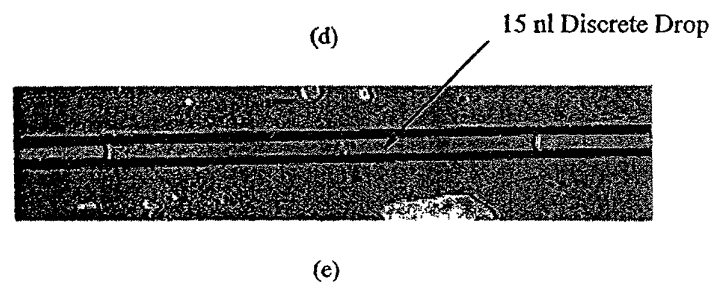
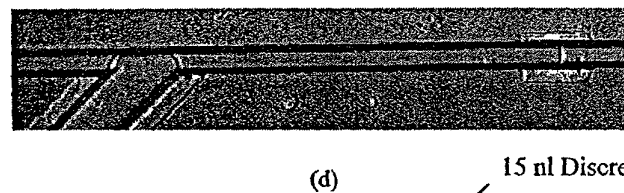
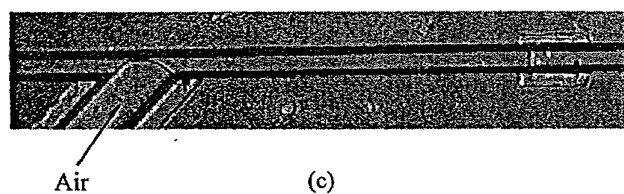
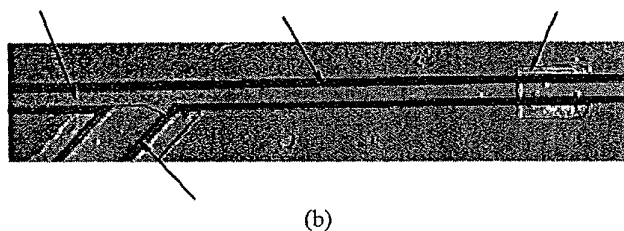
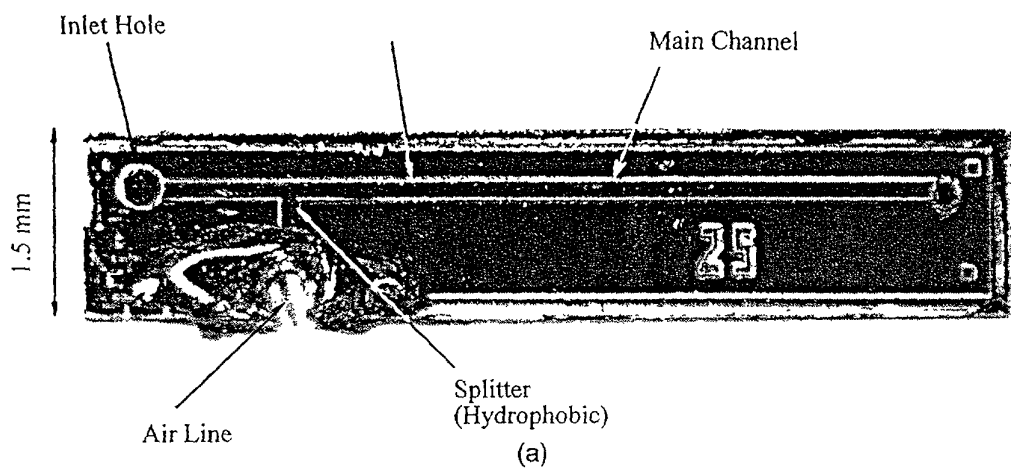
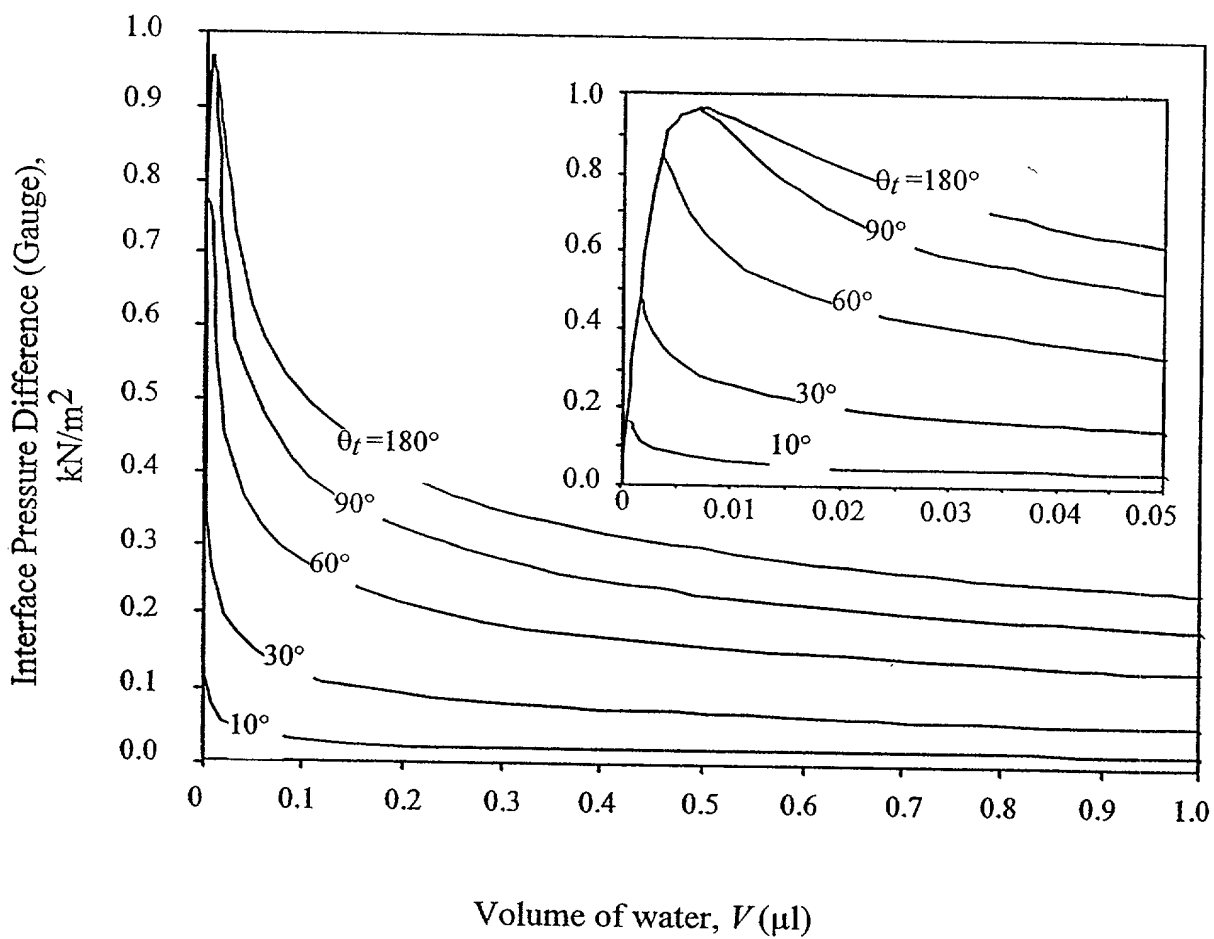
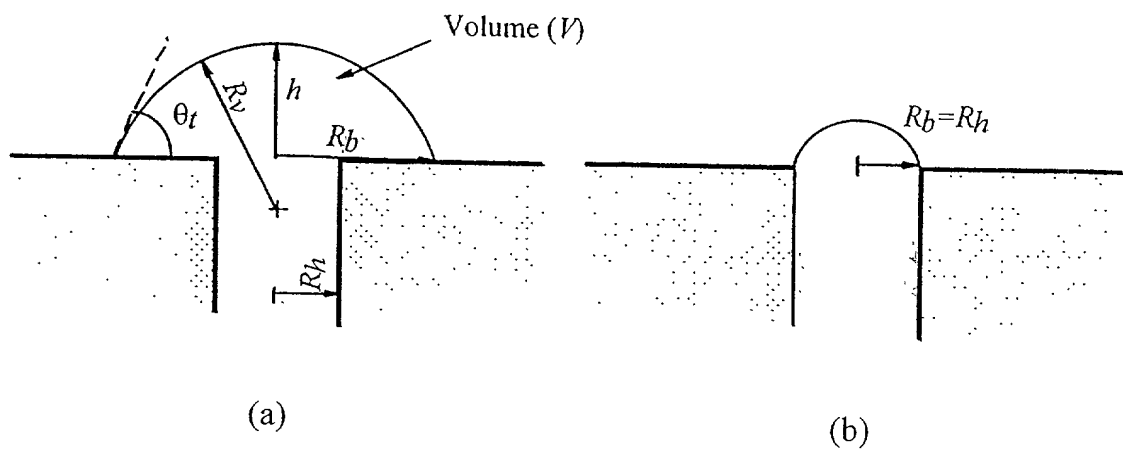


FIG. 12

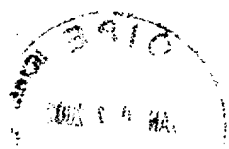
20210707 09:01:00

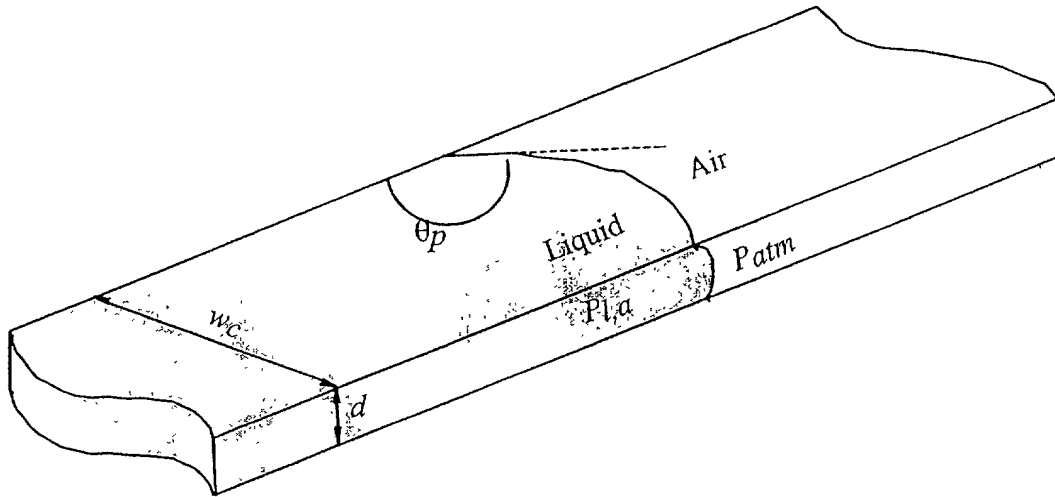




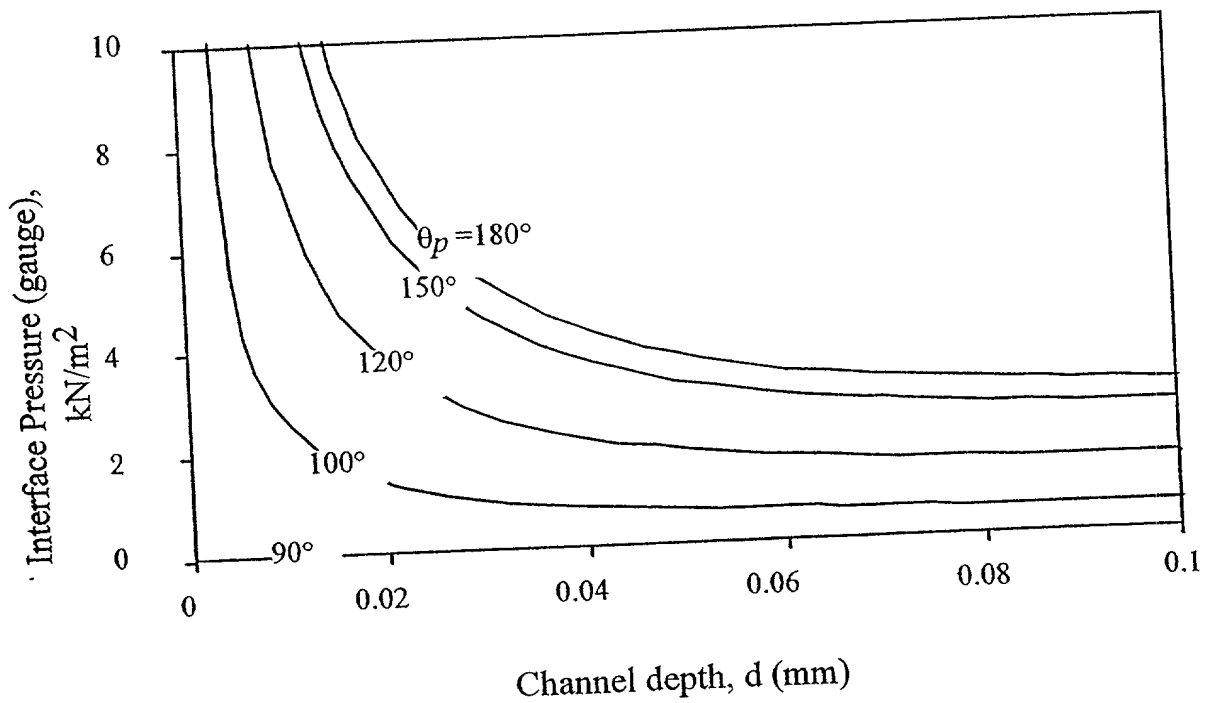
(c)

FIG. 13



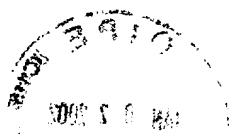


(a)



(b)

FIG. 14



202070" S30T1560

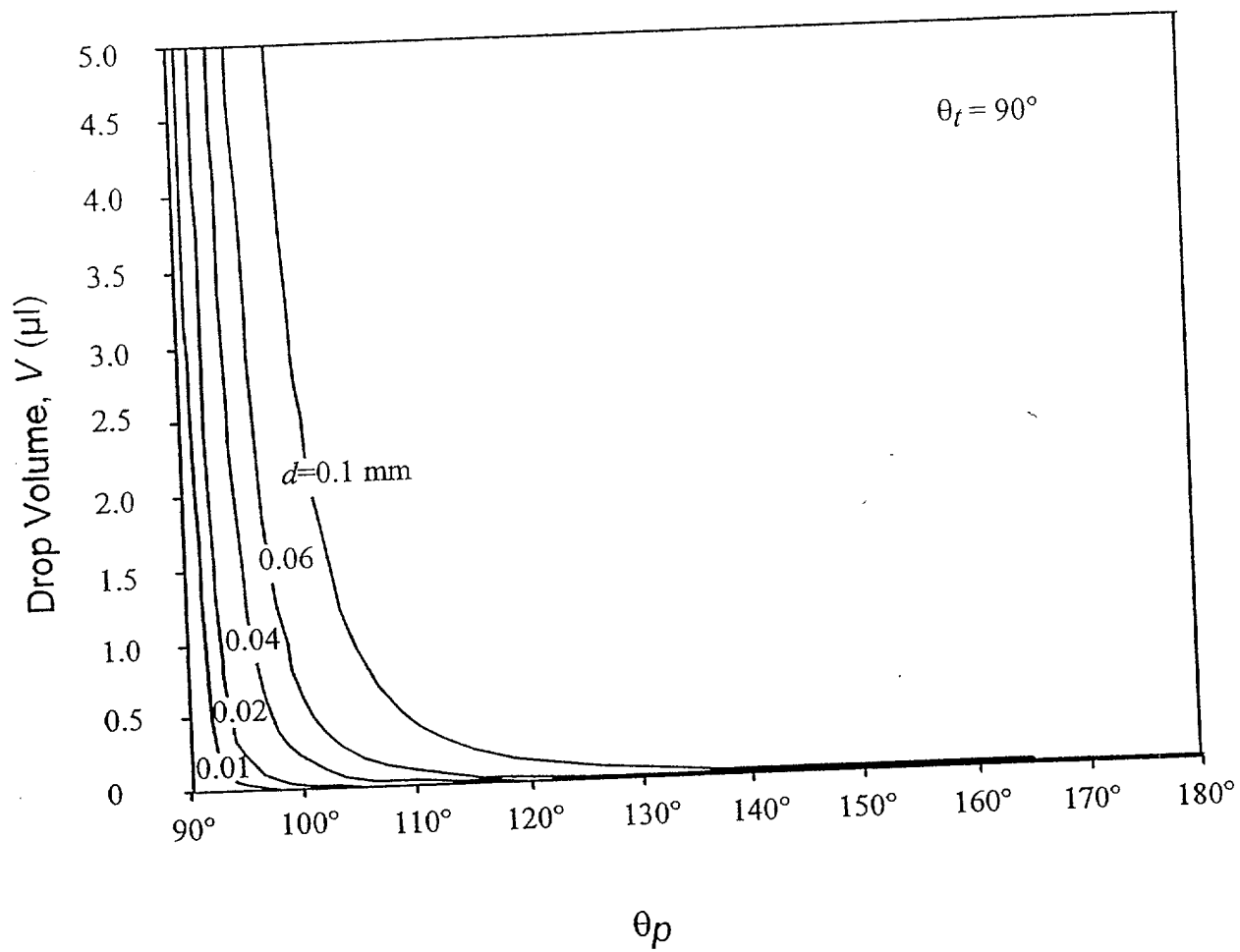


FIG. 15

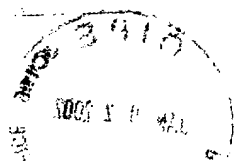


Fig. 1

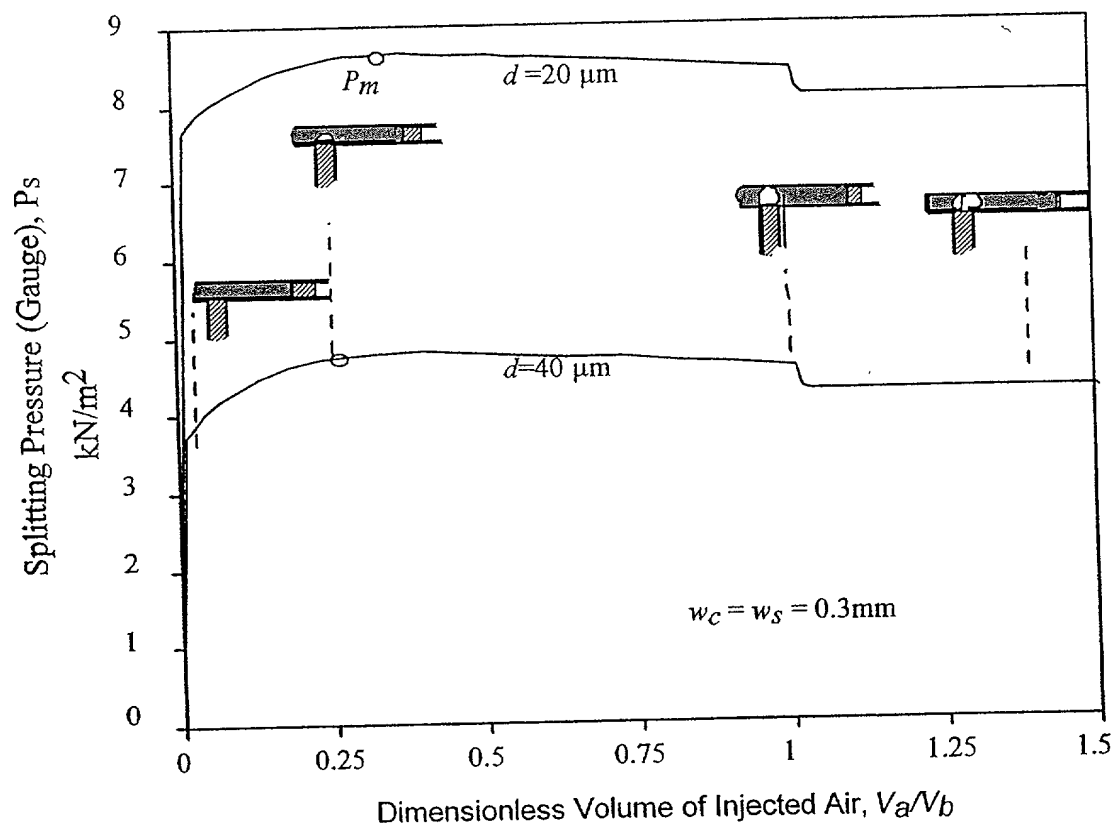
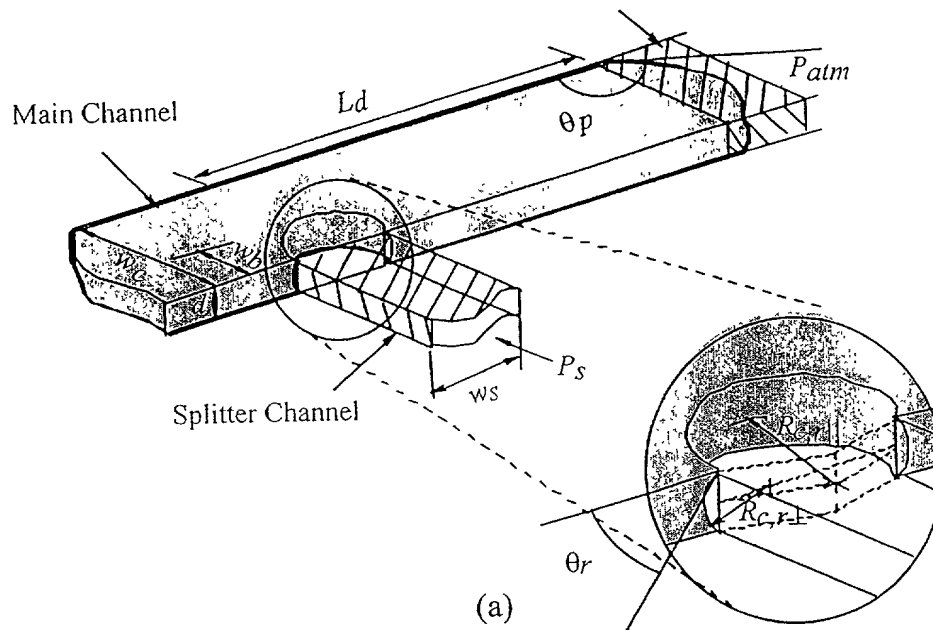
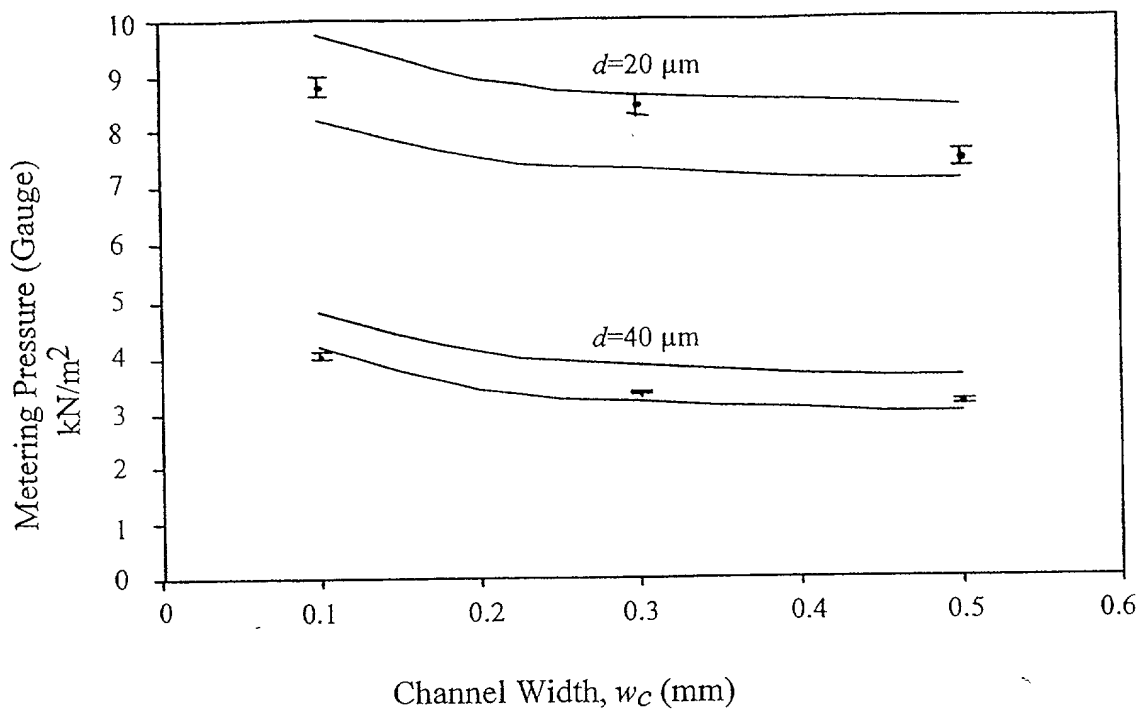
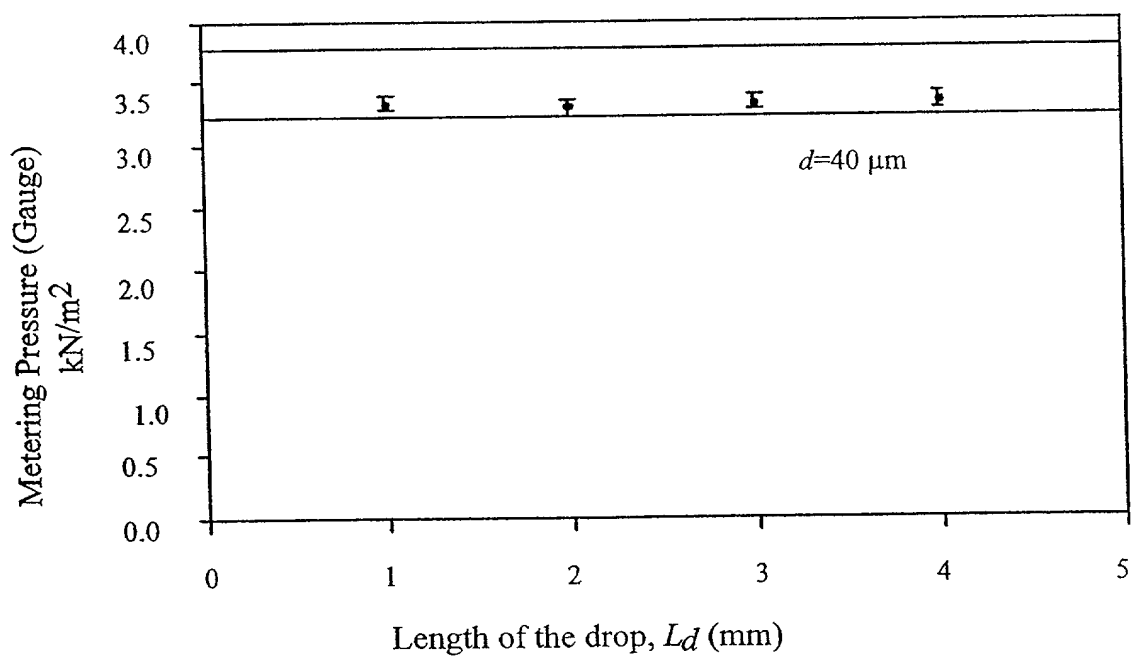


FIG. 17



(a)



(b)

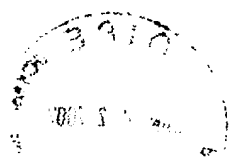
FIG. 18



The figure is a scatter plot with a line of best fit. The x-axis is labeled 'Designed Drop volume, nl' and ranges from 0 to 50 with major ticks every 10 units. The y-axis is labeled 'Measured Volume, nl' and also ranges from 0 to 50 with major ticks every 10 units. There are six data points plotted as 'x' marks. A solid line starts at the origin (0,0) and passes through the points, showing a strong positive linear correlation.

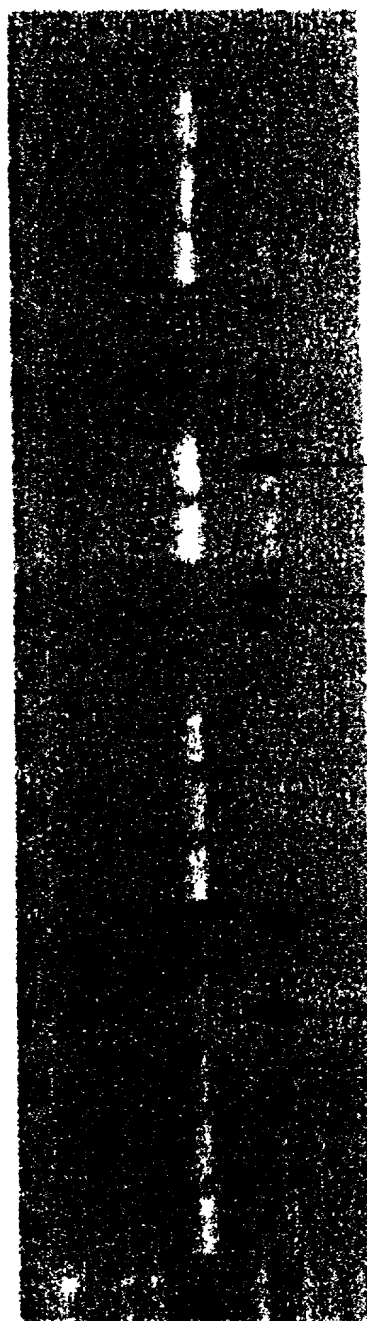
Designed Drop volume, nl	Measured Volume, nl
0	0
5	5
19	17
27	27
36	36
48	48

FIG. 19



2020T0" S50TF660

LIQUID NAILS GLUE
BOND-ALL GLUE
GOOP GLUE
RUBBER CEMENT
CURED SILICONE SEALER
UV GLUE
VACUUM GREASE
SILICONE SPRAY
POLYAMIDE
RUBBER GASKET
REACTION VIAL PLASTIC
STAINLESS STEEL THERM.
WIRE THERMOCOUPLE
CRUSHED SILICON
SILICON WAFER
CRUSHED GLASS
GLASS CAPILLARY
CONTROL
LADDER



PCR RESULTS WITH STANDARD REAGENT AMOUNTS

FIG. 20

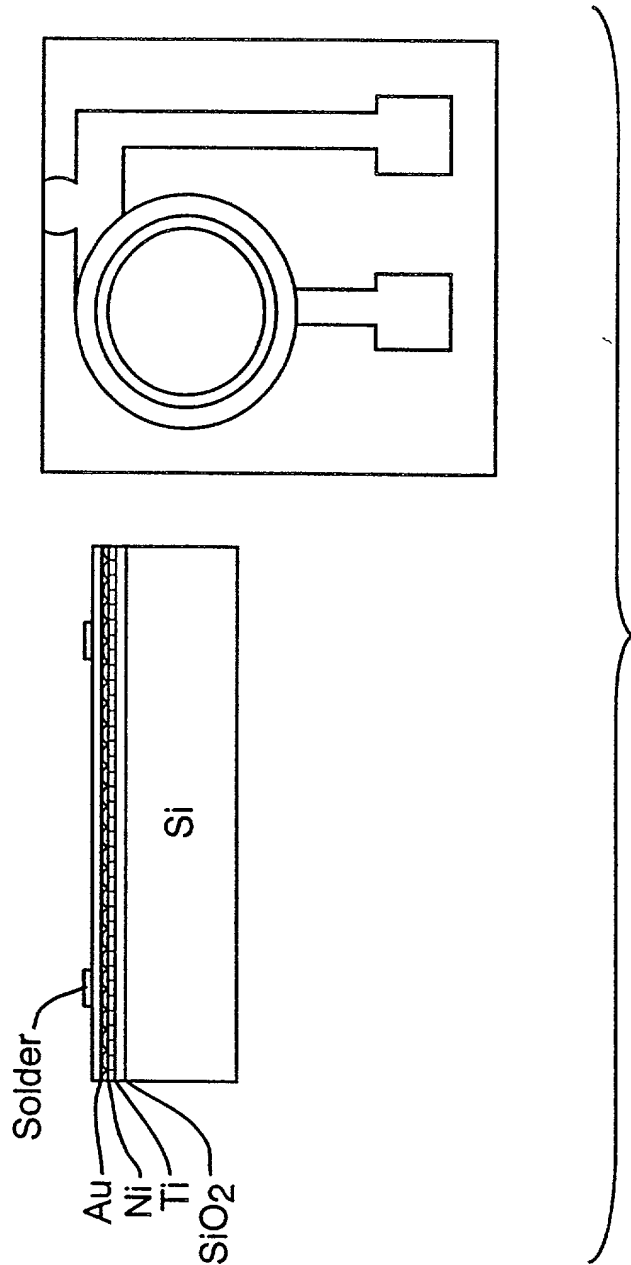


FIG. 21

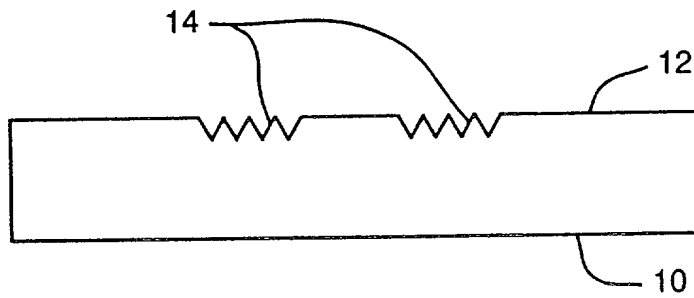


FIG. 22A

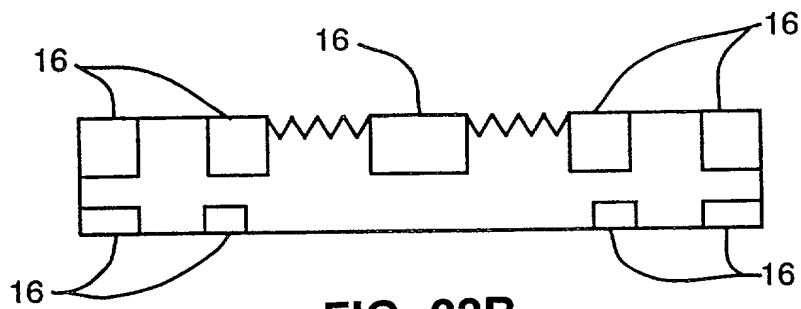


FIG. 22B

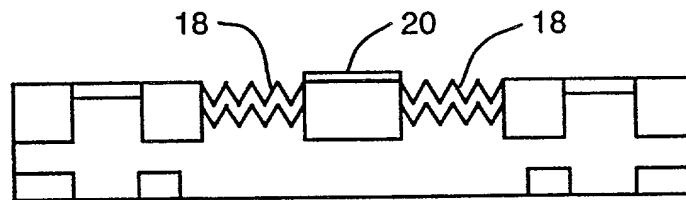


FIG. 22C

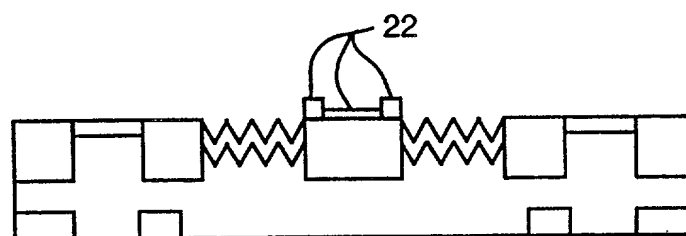


FIG. 22D

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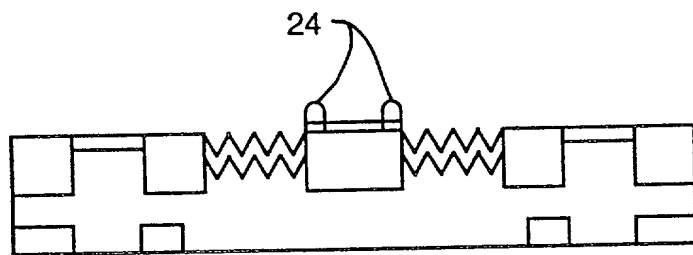


FIG. 22E

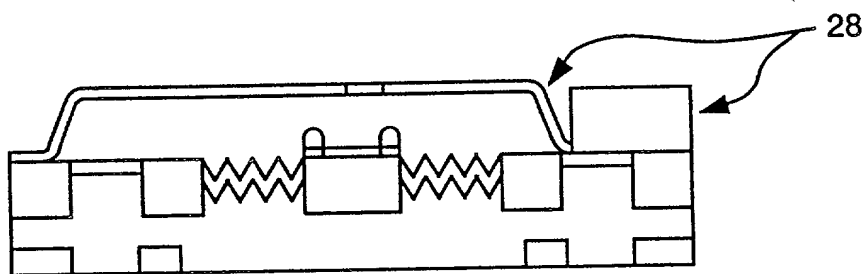


FIG. 22F

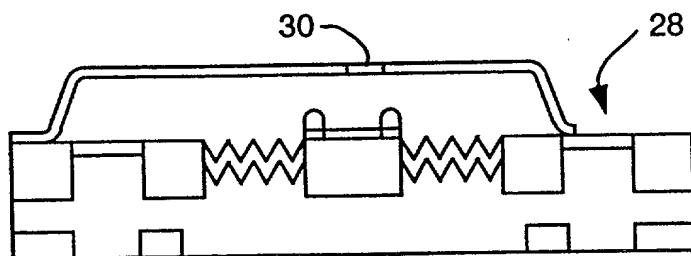


FIG. 22G

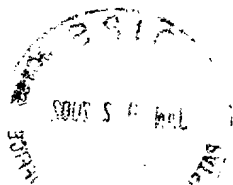


FIG. 22H

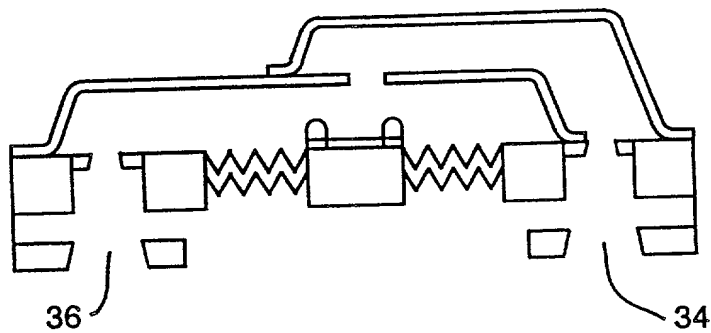


FIG. 22I

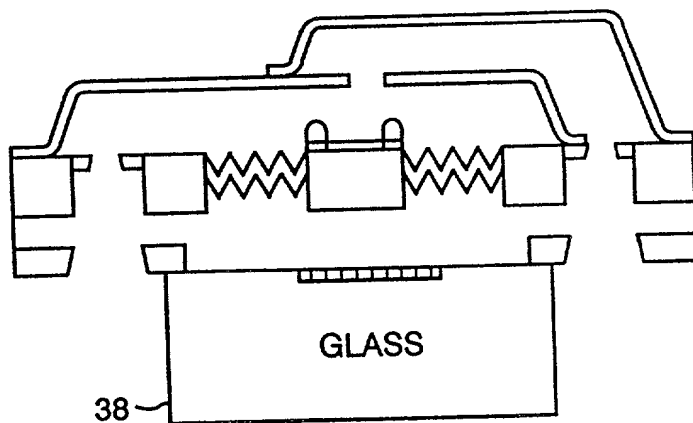
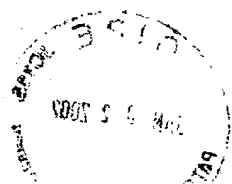


FIG. 22J



2020-03-04T16:50

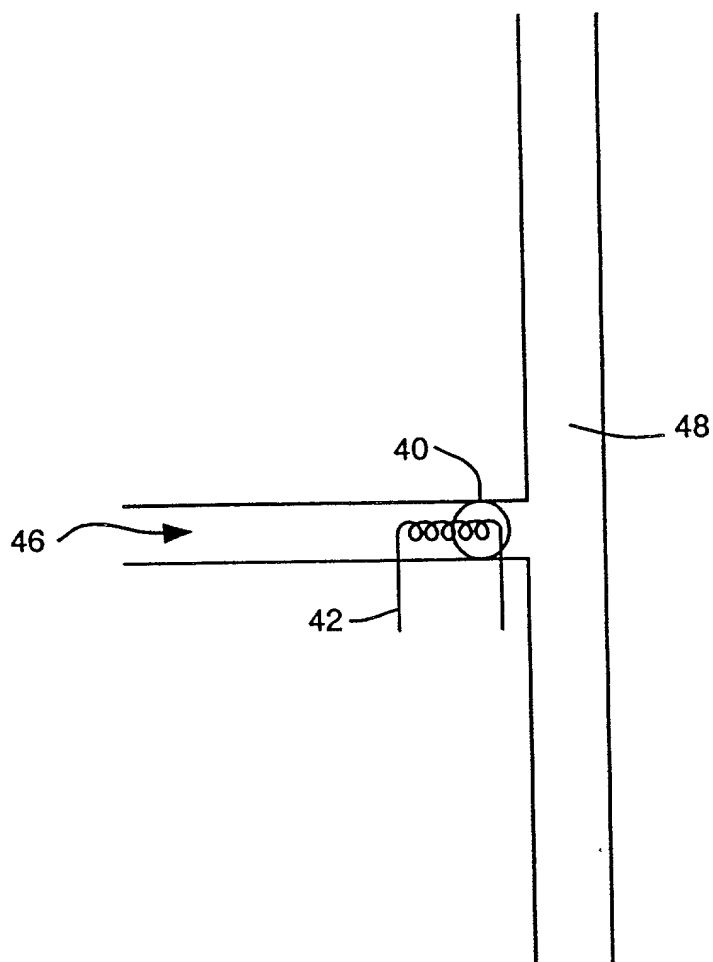


FIG. 23



202070-5507650

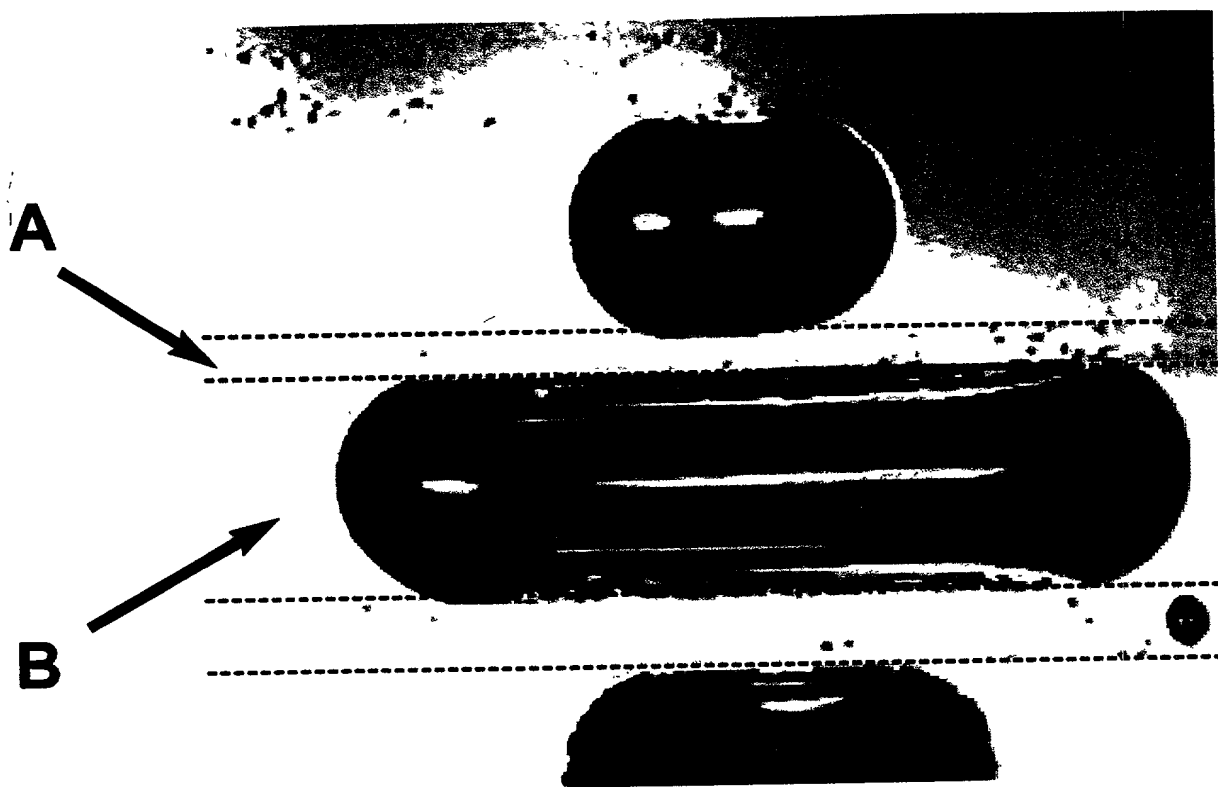


FIG. 24



0941055-010202

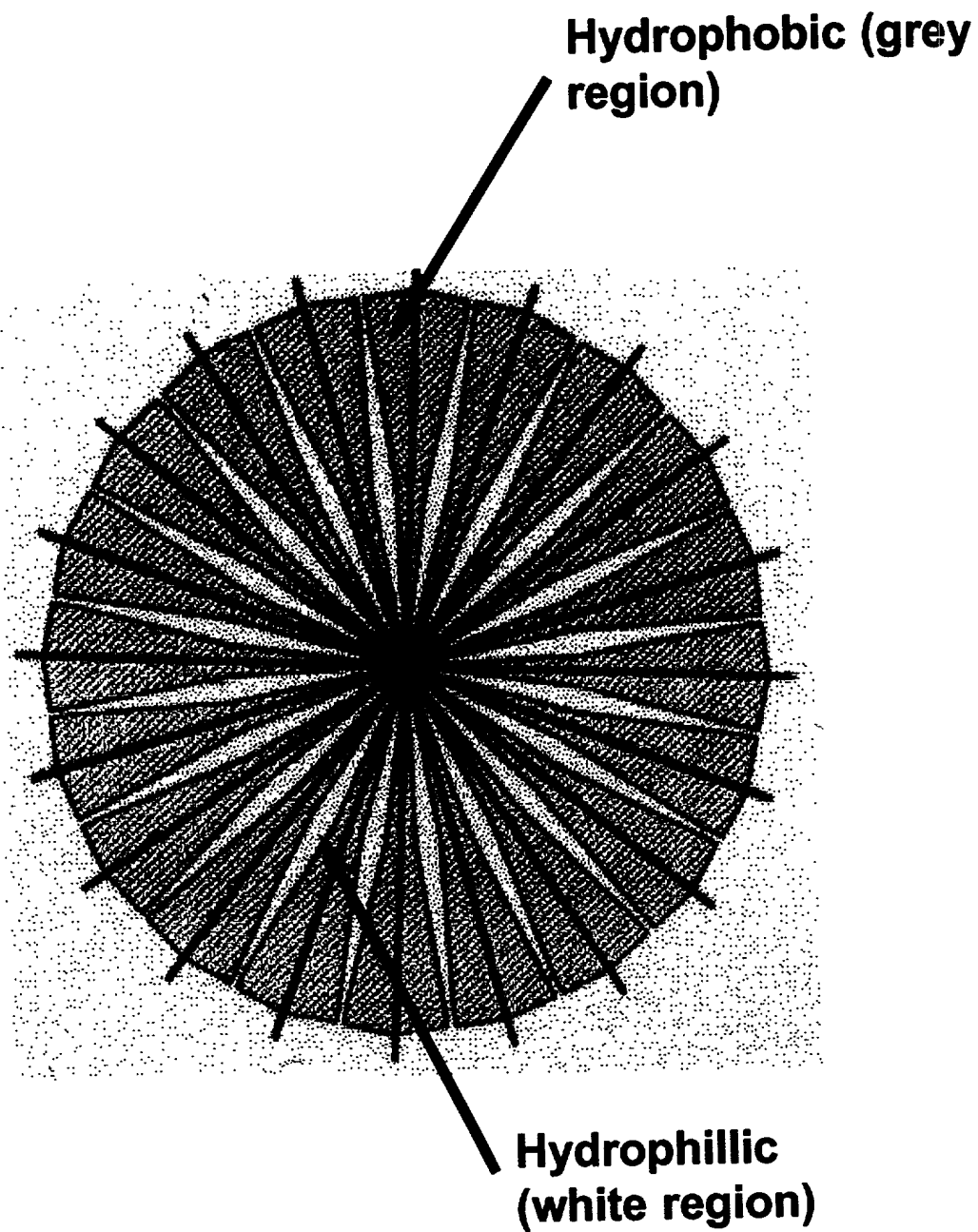


FIG. 25A



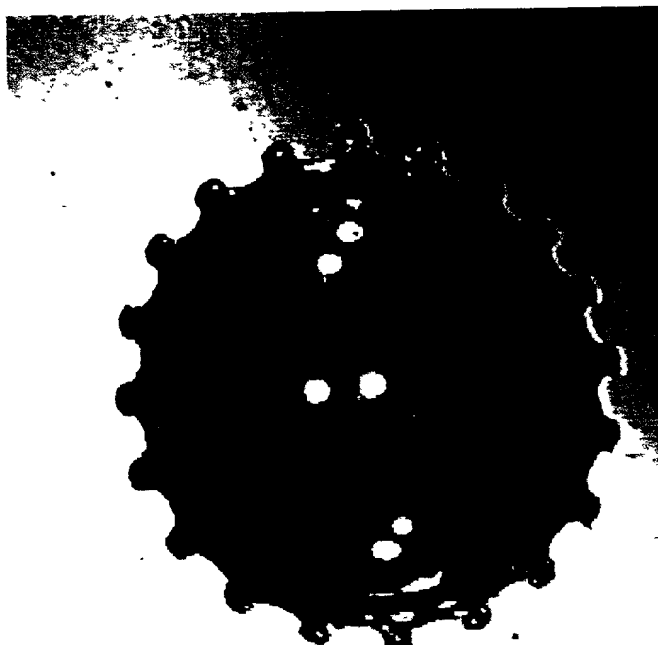
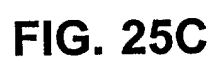


FIG. 25B

20201015 09:10:10

USE 2020 10 15 09:10:10

749



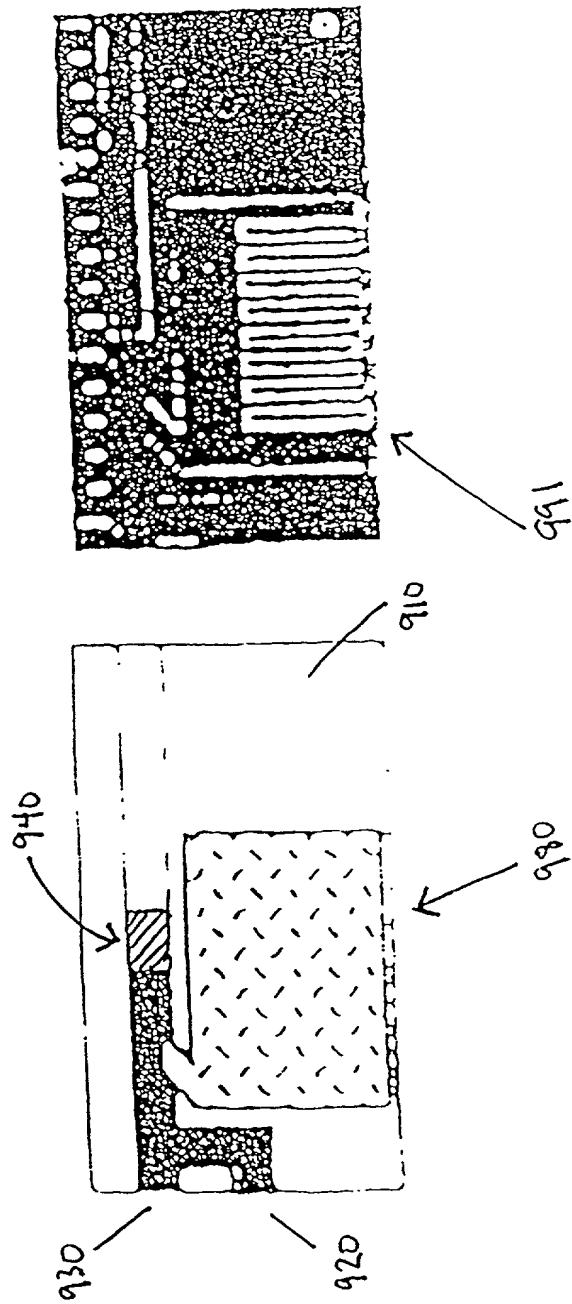


FIGURE 26A

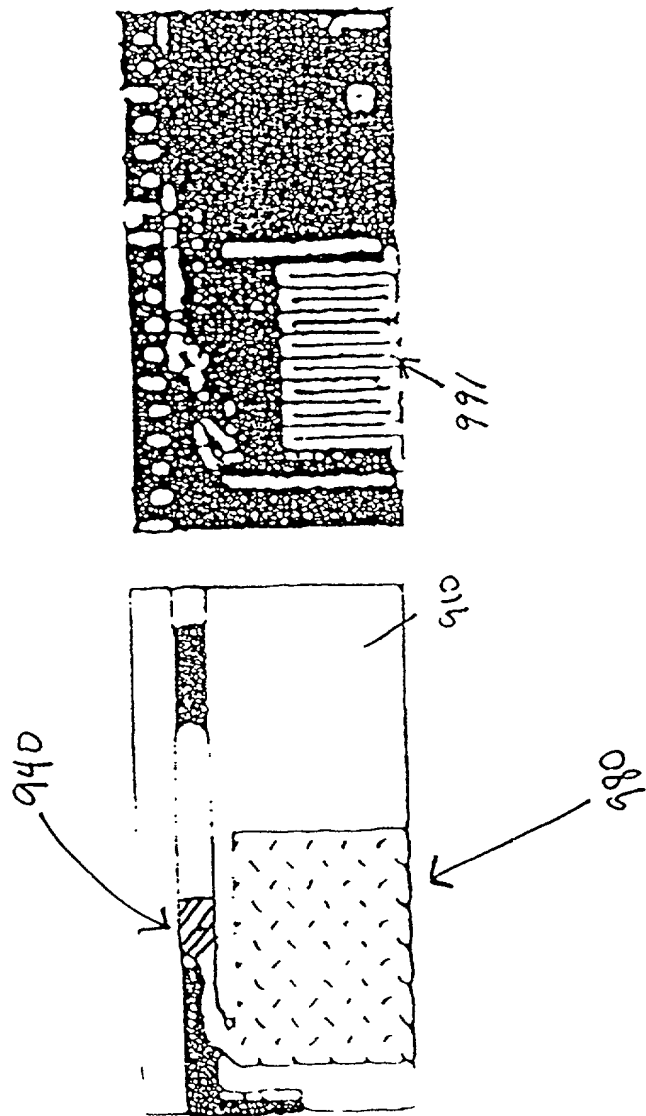


FIGURE 26B

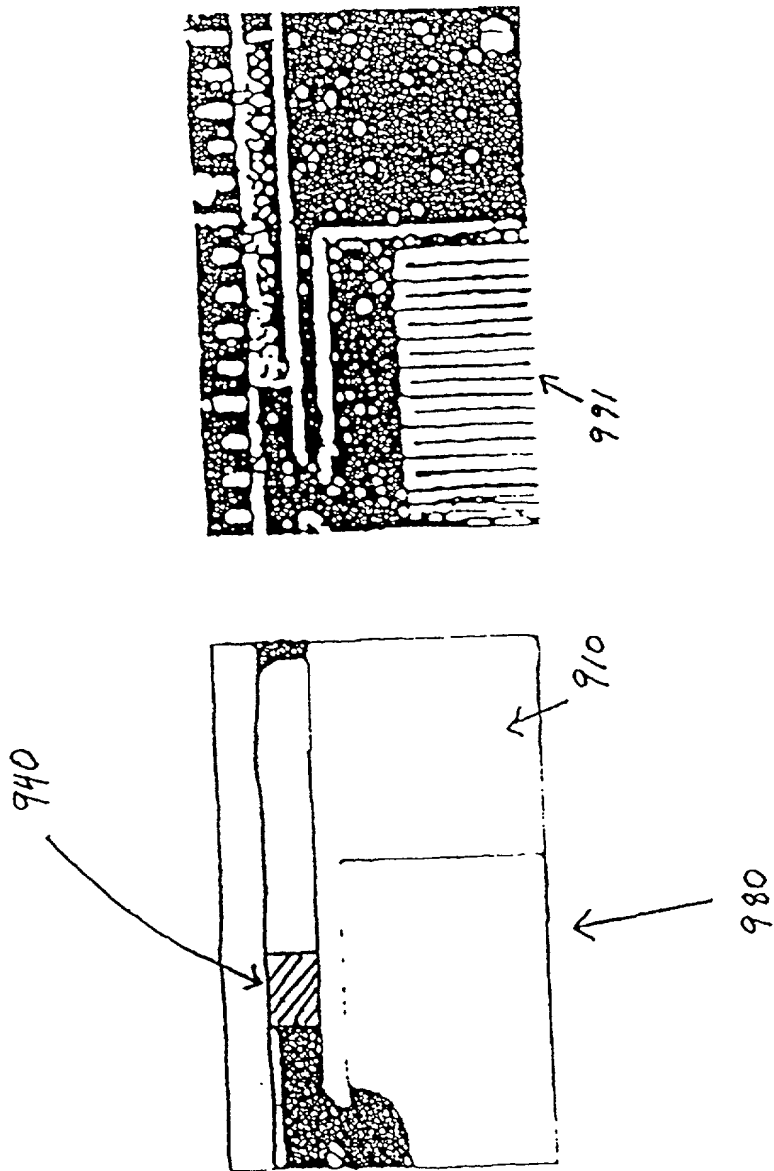


FIGURE 26C

2020T0" 550T660

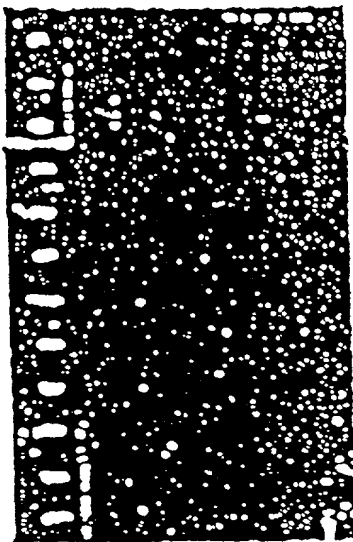
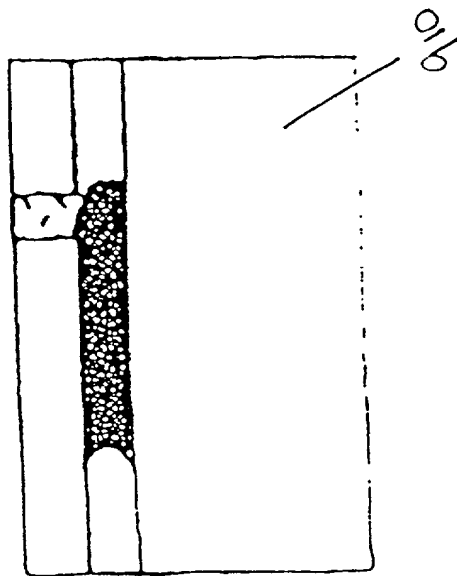
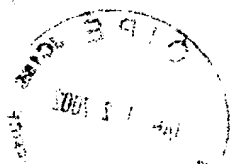


FIGURE 26D

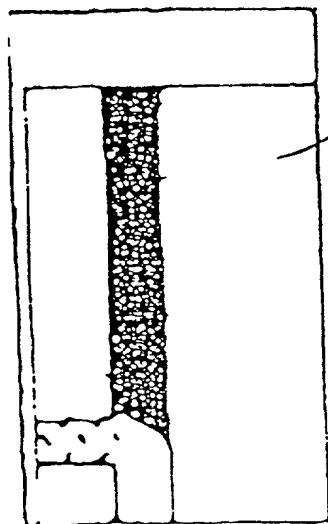
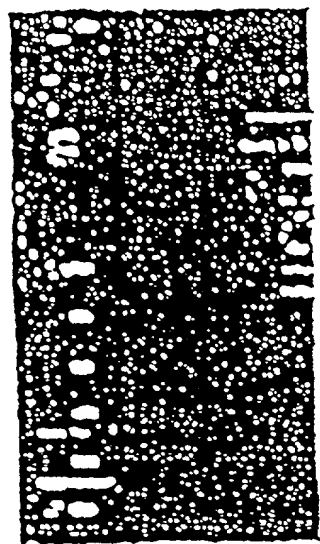


FIGURE 26E

202010" 550TF660

